

# PROGRESS REPORT ON OPEN PROJECTS

## MARCH 2007

GRANTEE	DATE APPROVED	GRANT AMOUNT	ENGINEER	OWNER'S REPRESENTATIVE	LAST STAFF SITE VISIT	PROGRESS
Walker Lake	12/10/97	\$1,143,447.00	Farr West	Mark Nixon	Apr-07	Land was not secured from the military as expected. The engineers and hydrogeologists are planning a new well on GID property but away from the influence of Walker Lake. The GID will update the Board at the June 20 Board meeting.
Storey Co for Virginia City	8/29/01	\$1,503,096.00	CSA	Marilou Waling	Sep-06	The cultural survey revealed artifacts that have limited the potential area that the BLM approved for construction. The project is now installing only one raw water tank instead of the two tanks that were previously planned. Excavation for the new tank revealed additional artifacts that were appropriately addressed by the archeologist on site. The earthwork and retaining wall for the tank site are complete. The tank is due by June 1 with project completion estimated to be mid-July 2007.
City of Caliente	3/14/02	\$2,021,314.72	Amec	Bryan Elkins	May-07	The additional grant funds approved by the Board in May 2005 were deobligated in the August 2006 Board meeting. Caliente provided a project update at the November 2006 Board meeting.  Staff made a site visit to Caliente with a representative from Master Meter. A summary of the findings was forwarded to the Board. Caliente has retained the services of Sunrise Engineering to assist in getting the meters on-line. The current schedule shows July 2007 as the target for having the meters on-line.
Walker River Irrigation District	3/13/02 1/22/07	\$6,685,163.19	Farr West Lumos RO Anderson Black Eagle	Ken Spooner	Apr-07	The project was initially bid; however, the low bidder could not get bonded. WRID is acting as the general contractor for this job. The District will do some of the work themselves and bid the earthwork and concrete as separate jobs. The Board held a special meeting in January to address a request for increase in grant amount.  The WRID Board awarded the construction contract to V&C Construction in February 2007. The low bidder, MKD sued the District in the Supreme Court. The WRID Board has withdrawn the contract award from V&C and awarded the work to MKD. Construction will begin when the litigation against WRID is settled, with work on work on both the diversion structure and levee structure running concurrently. Completion is expected in 4 to 5 months.

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Kingsbury GID	6/26/02 8/23/06	\$9,505,311.39	Amec	Jack Jacobs	Aug-06	<p>KGID was awarded additional grant funding at the August 2006 Board meeting to complete Phase 1 of the project.</p> <p>A large portion of the waterline replacement work scheduled for construction in 2007 is designed, permitted, and Rapid Construction was awarded the contract. KGID will have a full-time inspector on the project. Construction is started May 22, 2007. Due to private party easements needed in the Palady-Perkins Tract, waterline replacements in this area will be bid separately to avoid delays in bidding on the larger project.</p> <p>KGID is focusing its energy on obtaining a new tank site for Tank 10B. A likely site has been identified and approval will be sought from the USFS and Heavenly Ski Resort, which share control of the property. If approval does not appear promising, the district will pursue replacement of existing Tank 10A. The district's preferred alternative is to construct a new Tank 10B while Tank 10A is still on line.</p>
Wells	12/5/02	\$1,102,310.09	TRW Engineering	Jolene Supp	Jul-06	<p>The installation of the well, well house, chlorination system, and SCADA are now complete. Design and bid documents are complete for the new tank and water line; however, the City is concerned that they can no longer afford the new tank. They are looking into the possibility of connecting the industrial park well and tank (owned by the City) to the main system and provide looping. Early cost estimates indicate that this alternative may cost approximately \$500,000. It is not clear why this alternative was not reviewed at the PER stage. The City was advised to do appropriate hydraulic modeling and have this alternative plan reviewed and approved by BSDW before approaching the Board with a change of scope request.</p>
Hawthorne PER	12/16/04	\$42,500.00	Farr West	Steve Gustafson		<p>The water audit is complete. The master plan has been completed, including the background, existing conditions, proposed improvements, mapping, water rate analysis, and environmental information. A water model is also apparently complete. The County is asking for additional information to be addressed regarding the old Babbitt area, as a large development may be relocating to the area and may put a strain on existing infrastructure. The post-PER work has yet to be accomplished, such as the environmental report and applications for funding.</p>
Elko Co for Jarbidge	12/16/03	\$1,287,700.70	Stantec	Lynn Forsberg		<p>The treatment plant is complete and in operation. Certification of the plant is currently in progress. Particle counts are on-going with some fine tuning of the system as necessary.</p>

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Washoe Co for Heppner Subdivision	3/31/04	\$1,280,300.00	Washoe County	John Nelson	May-07	<p>Heppner Waterline Extensions Phase 1-3 and 5a are complete. The County acquired the Grant of Right-of-Way for the new storage tank site from the BLM. The improvements to Lemmon Valley Well #8 are on hold until the tank is on line.</p> <p>Washoe Co has the facility plan that accounts for future water from Fish Springs Ranch. Contri construction is currently installing the 38-mile pipeline with booster pump system and wells. The new storage tank at the Heppner subdivision may increase from 0.6 to 1.5 Mgal. New development must fund the increase in the tank size. Negotiations are still in progress.</p>
Churchill County	7/20/04 4/05 8/23/06 11/9/06	\$3,667,667.54	Brown & Caldwell/ V-Point	Brad Goetsch	May-07	The Sand Creek Well, new storage tank, distribution system, operations center/treatment plant, and well house are complete. Punchlist items are currently in progress as is the tie-in of Jetway Chevrolet and the mobile home parks as well as a pipeline from the Pine Creek subdivision well and tank to the Sand Creek operations center.
Lovelock Meadows	10/19/04 11/9/06	\$2,806,284.99	Farr West	Ryan Collins	Mar-07	The project is in progress with substantial completion of Phase I due in July 2007.
Nye Co for Manhattan PER	10/19/04 11/3/05	\$85,000.00	Day Engineering	Samson Yao		The drilling of the spring did not yield any water. Day Engineering is looking at options for other well sites and/or using existing wells.
Golconda GID	1/27/05	\$956,478.75	Farr West	Becky Trigg	Jul-06	Design has been submitted to BSDW for approval.
Washoe Co for Spanish Springs	1/27/05	\$4,000,000.00	Washoe County	John Nelson	May-07	The Phase 1A sewer project is complete and 171 homes have abandoned their septic systems and connected to the new sewer line to date.
Virgin Valley Water District	1/27/05	\$2,000,137.00	Brown, Collins & Associates	Mike Winters	Mar-06	The Scenic reservoir construction is complete, connected to distribution system, disinfected and connected to VVWD Well No. 30. The new coagulation-filtration arsenic treatment facilities for the 2 Bunkerville were redesigned to include lined infiltration ponds to handle the backwash water. VVWD plans to bid all 5 of the treatment plants in March 2007 to assure uniformity of equipment and hopefully reduce overall costs. Construction should begin in May/June.
Douglas Co for Sheridan Acres	4/27/05 3/14/07	\$1,632,119.63	Douglas County	Ron Roman	Mar-07	The well, well house, and CO2 stripper are complete. The new storage tank is currently being installed. Douglas Co received additional grant funding for the meters in March 2007.
Goldfield Arsenic PER	8/04/05	\$29,750.00	Lumos	Lori Dunn		Treatment and non-treatment options were investigated. Three pilot tests, one bench test, and one computer simulation were completed. Staff has commented on the draft PER.
Metropolis Irrigation District	1/25/06	\$489,467.40	Dyer Engineering	Vernon Dalton	Jul-06	Engineering design is currently in progress.

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Douglas Co for Cave Rock	1/25/06	\$476,089.25	Douglas Co	Ed Mason		Engineering design is complete. The project was bid in March.
Moundhouse PER	5/3/06	\$12,750.00	Farr West	Mike Workman		A draft of the PER is complete and in review.
Beatty Arsenic PER	5/3/06	\$51,850.00	Farr West	Jim Weeks		Water samples have been taken to get additional data on water quality. Arsenic treatment system vendors have been contacted in order to determine the feasibility of pilot testing. A bench test was run on the water and results are pending.  Well EW4 is down for pump replacement and pilot testing must wait until the well is back on line. It is estimated that EW4 will be back on line in June 2007.
Yerington Arsenic PER	5/3/06	\$47,600.00	Farr West	Dan Newell		Sampling of 4 city wells is complete. Pilot testing began in April 2007. It is anticipated that phase 1 of the pilot testing will be completed in the next 3 months. A second phase to the pilot test is anticipated to begin in August 2007 and will consist of pH adjustments and a media switch to determine effects on arsenic removal.
Pershing Co Water Conservation District	5/3/06	\$3,956,282.50	Farr West & Dyer Engineering	Bennie Hodges	May-07	The failure of the Rogers Dam in late July 2006 created an emergency need to reallocate grant funds to a cofferdam and design of a replacement for the Rogers Dam. The cofferdam was completed in August 2006 and the by-pass around the Rogers Dam/cofferdam was completed prior to the start of the irrigation season in March 2007.  The only other construction element of this project that was released for grant funding at this time was the replacement of the diversion structures for the Old Channel/Union Canals as they had match funding from the BOR for only the next year. The diversion structure was also completed in March 2007.  Design is currently underway for the new Rogers Dam and for the Pitt Taylor diversion.
Kingston GID	5/3/06	\$2,726,309.70	Day Engineering	Dean Day		Design is complete. Project bids came in more than \$900,000 under the engineering estimate. Pacific Rim out of Renton, WA, was the low bidder. Work should begin in June 2007.
Pershing Co for the Town of Imlay	8/23/06	\$563,993.96	Farr West		Jul-06	Pershing Co has submitted a planned rate structure for Imlay. The project is awaiting a Notice to Proceed from CDBG (match funding agency) prior to starting surveying and design.
Stagecoach GID	8/23/06	\$2,210,089.19	Nichols Consulting	Lynn Arndell	May-07	Design is complete. Project bids came in under the engineering estimate. A&K was the low bidder. Work officially began at the end of May 2007. The pipeline will be installed from the west (the Ranchos) to the east with the boring under US Hwy 50 occurring at Leegard Ave.

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LVVWD for Searchlight	8/23/06	\$2,536,522.34	LVVWD	Shweta Bhatnagar		<p>LVVWD completed a Biological Assessment (BA) in June 2006 and an EA in August 2006. The BA was submitted to the U.S. Fish &amp; Wildlife Service (FWS) and described potential effects to the federally-listed desert tortoise. The FWS responded by issuing a Biological Opinion (BO) in September 2006 which outlined measures required to minimize those potential effects.</p> <p>The EA was submitted to the BLM and described potential environmental impacts of the proposed project. In December 2006 the BLM issued the Finding of No Significant Impact (FONSI) for the completed EA and issued a Right-of-Way Grant/Temporary Use Permit to conduct the groundwater exploration study. This project is also being funded by a grant from the U.S. Environmental Protection Agency (EPA). As part of its grant award process, the EPA is currently conducting a 30-day public review to adopt the EA and FONSI.</p> <p>The LVVWD completed design and contract preparation for the Piute Valley Test Wells and bids opened in January 2007. Bids came in under the engineering estimate. The LVVWD awarded the construction contract on March 20, 2007, to Layne Christensen, Inc. in the amount of \$420,000.</p> <p>On April 3, 2007, Searchlight's primary production well, S2, failed. The LVVWD immediately dispatched crews and started Searchlight's backup well, S1. The LVVWD contacted Searchlight customers, asking them to curtail their water use, as S1 produces significantly less water than S2. Construction water was also discontinued until the well was repaired. LVVWD crews replaced the pump, motor, cable, and other required equipment and were able to get S2 back online by April 10, 2007. The Searchlight Water System accrued unanticipated costs as a result of this well failure. The LVVWD loaned the water system funds to make necessary emergency repairs and hopes to recuperate costs through water rates and connection fees. The well failure also demonstrated the need for new infrastructure for the Searchlight Water System.</p>
Lyon Co Utilities for Crystal Clear	8/23/06	\$43,350.00	Farr West	Mike Workman		Staff provided comments on the draft PER. A final PER was submitted with a Letter of Intent to pursue a construction grant on May 10, 2007.
Gabbs PER	3/14/07	\$25,925.00	Day Engineering	Samson Yao		
Topaz Ranch Estates	3/14/07	\$1,471,452.01	TEC	Bill Maher		The funding agreement has not, yet, been signed.